



Cattle Manure:

NUTRIENT Dry wt. basis	% MOISTURE			
	10%	20%	30%	40%
	<i>lbs. of Nutrient per TON</i>			
1.5% N	27	24	21	18
2.0% N	36	32	28	24
0.5% P <sub>2</sub> O <sub>5</sub>	9	8	7	6
1.0% P <sub>2</sub> O <sub>5</sub>	18	16	14	12
1.5% K <sub>2</sub> O	27	24	21	18
2.0% K <sub>2</sub> O	36	32	28	24

**MANURE MINERALIZATION**

- Temperature
- Moisture
- Aeration
- C:N Ratio
- Cultivation
- Other (pH)

**MANURE NUTRIENT VARIABILITY**

- Feed Ration
- Bedding
- Soil
- Moisture
- Wasted Feed
- Waste Storage
- Climate
- Time
- Animal Type